

EXHIBIT A

HP's Preadmitted Trial Exhibit List

Network-1 Technologies, Inc. v. Hewlett-Packard Company and Hewlett Packard Enterprise Company

6:13-CV-00072-RWS

Judge Robert W. Schroeder III			Plaintiff's Attorney Gregory Scott Dovel, John Jeffrey Eichmann, T.John Ward, Jr	Defendants' Attorney Jennifer Haltom Doan, David Henry Dolkas, Mark E. Ferguson
Trial Date(s) 11/6/2017			Court Reporter Shea Sloan	Courtroom Deputy Betty Schroeder
Defendant Exh. No.	Date Offered	Date Admitted	Description of Exhibits	Bates Nos.
DX001			Linear Technology, LTC4269-1, IEEE 802.3at PD with Synchronous No-Opto Flyback Controller	N357332
DX002			Broadcom, BCM59103 Product Brief	HP-DCTX-004038005
DX003			Linear Technology, LTC4267, Power over Ethernet IEEE 802.3af PD Interface with Integrated Switching Regulator	N357226
DX004			PowerDsine, PD64004 4-Channel PoE Manager Datasheet	HP-DCTX-001571579
DX005			Linear Technology, LTC4258 Quad IEEE 802.3af Power over Ethernet Controller Datasheet	N448511
DX010			January 20-21, 2000 Lucent Presentation - IEEE 802.3 DTE Power via MDI, Power Delivery Mechanisms	N55349
DX011			March 7-8, 2000 Minutes of the DTE Power via MDI Task Force	HP-DCTX-000229907
DX012			March 2000 Lucent Presentation - IEEE 802.3 DTE Power via MDI Detection and Signature Guidelines	HP-DCTX-000229828
DX013			July 11-12, 2000 IEEE 802.3af Task Force Minutes	HP-DCTX-000230415
DX014			September 12-13, 2000 Minutes of the Power via MDI Task Force	HP-DCTX-000230730
DX015			September 2000 Lucent Presentation - "Resistive + Diodes" Signature and Detection Protocol Summary of Overall Feasibility	HP-DCTX-000230667

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DX016			November 7, 2000 Minutes - IEEE 802.3af DTE Power Meeting	HP-DCTX-000231159
DX019			Circa Communications Ltd., DC Power Discovery Algorithm, IEEE P802.3af DTE Power via MDI Task Force Presentation	HP-DCTX-000229831
DX020			Level One, IDLE PAIR Discovery Process, Robert Muir, IEEE 802.3af - March 2000	HP-DCTX-000229912
DX021a			PowerDsine, DTE Power via MDI, Method for Powered DTE (PDTE) Authentication (1/20/2000)	N431588
DX021b			PowerDsine, DTE Power via MDI, Method for Powered DTE (PDTE) Authentication (3/7/2000)	N431580
DX022			Nortel, Rick Brooks, Common Mode and Differential Mode Discovery Techniques, May 2000	HP-DCTX-000230020
DX023			Broadcom/Level One, DTE Power via MDI Detection Scheme, September 29, 1999	HP-DCTX-000229334
DX024			TDK Semiconductor, Ralph Andersson, DTE Power over MDI: Discovery process proposal, November 10, 1999	HP-DCTX-000229403
DX025			Hewlett Packard, Daniel Dove et al., Power over the DTE, A simple and low-cost proposal, January 2000	N55308
DX026			Cisco Systems, Howard Frazier et al., Power over the MDI	HP-DCTX-004037104
DX027			September 29, 2003 Email from Corey Horowitz to George Conant titled Merlot Patents2	N394037
DX029			88 Power Board Power Sequence	NA
DX030			100 System Board Sequence	NA
DX035			"Power over Ethernet Eases Design Implementations," Power Electronics Technology (November 2003)	NA
DX040			November 2000 Lucent Presentation - "Resistive" Signature and Detection Protocol Summary and Overall Feasibility	N055394

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DX051			May 24-25, 2000 Minutes of the Power via the MDI Task Force	HP-DCTX-000230110
DX052			Schematic	HP-DCTX-004043906
DX053			Schematic	HP-DCTX-004043966
DX054			Schematic	HP-DCTX-004043945
DX055			Schematic	HP-DCTX-004043903
DX056			Schematic	HP-DCTX-004043908
DX057			Schematic	HP-DCTX-004043915
DX058			Schematic	HP-DCTX-004043920
DX059			Schematic	HP-DCTX-004043930
DX060			Schematic	HP-DCTX-004043956
DX061			Schematic	HP-DCTX-004043963
DX063			PowerDsine, PD64012/G Data Sheet, 12-Port Power Sourcing Equipment Manager for Power over Ethernet Systems	HP-DCTX-001640594
DX065			Lucent Technologies, Robert Leonowich, IEEE 802.3af DTE Power via MDI Resistive Signature and Detection Protocol Follow-up, July 11, 2000	HP-DCTX-000230383
DX066			Images	HP-DCTX-004064130
DX070			HPE News Now - Everybody was kung fu fighting	HP-DCTX-004073256
DX072			Linear LTC4257 IEEE 802.3af PD Power over Ethernet Interface Controller	N151794
DX073			Linear LTC4257-1 IEEE 802.3af PD Power over Ethernet Interface Controller with Dual Current Limit	N151815
DX074			Linear LTC4263 Single IEEE 802.3af Compliant PSE Controller with Internal Switch	N357308
DX075			Linear LTC4266 Quad IEEE 802.3at Power over Ethernet Controller	N357376

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DX076			Linear LTC4267-3 Power over Ethernet IEEE 802.3af PD Interface with Integrated Switching Regulator	N357440
DX077			Linear LTC4269-2 IEEE 802.3at High Power PD and Synchronous forward Controller with AUX Support	N357258
DX078			LTC4270/LTC4271 12-Port PoE/PoE+/LTPoE++ PSE Controller	N357408
DX079			Linear LTC4290/LTC4271 8-Port PoE/PoE+/LTPoE++ PSE Controller	N357474
DX080			TPS2370 IEEE 802.3af Power Interface Switch for Power Over Ethernet (PoE) Powered Devices	TI-0000565
DX081			TPS2375, TPS2376, TPS2377 IEEE 802.3af PoE Powered Device Controllers	TI-0001769
DX082			TPS23751, TPS23752 TPS2375x IEEE 802.3at PoE Interface With Wide Range High Efficiency DC-DC Controller	TI-0001128
DX086			LM5071 Power Over Ethernet PD Controller with Auxiliary Power Interface	TI-0000530
DX087			IEEE Standard 802.3at-2009, Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications	HP-DCTX-001233740
DX088			IEEE Standard 802.3af-2003, Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications	HP-DCTX-000701893
DX089			Fisher System Images	HP-DCTX-004043970
DX090			"3Com Access Point, February 8, 2015"	HP-DCTX-004064101
DX099			November 18, 2004 E-mail from C. Horowitz to R. Keenan Re: Call	N 394035
DX101			Network-1 Power Up Licensing Program flyer	N 088461

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DX102			Network-1 2008 Special Licensing Program	N 110947
DX103			Settlement Agreement between Network-1 and PowerDsine (November 16, 2005)	N 28702
DX104			Letter from C. Horowitz to Steven Litchfield (June 17, 2008) Re: PowerDsine Settlement Agreement	N 25713
DX105			Binding Term Sheet between Network-1 and Extreme Networks (July 16, 2010)	N 270662
DX110			Memorandum Opinion and Order excluding Cisco's liability expert opinion on infringement, 6:08-cv-30 (DI 475)	N226791
DX117			Power over Ethernet Interoperability, Sanjaya Maniktala	NA
DX118			Appendix 4 to Expert Report of James Knox on Infringement, Defendant: HP Tested Demonstratives	NA
DX119			U.S. Patent No. 5,345,592	HP-DCTX-004074230
DX122			U.S. Patent No. 6,246,748	HP-DCTX-004074278
DX123			WO 98/54843	HP-DCTX-004076220
DX124			WO 98/57248	HP-DCTX-004076250
DX128			Auto-negotiation patents (5,617,418; 5,687,174)	HP-DCTX-004073991
DX129			Auto-MDIX patents (6,175,865; 6,460,078)	HP-DCTX-004076315 HP-DCTX-004076377
DX139			U.S. Patent No. 6,710,704	HP-DCTX-004074387
DX144			U.S. Patent No. 5,991,885	HP-DCTX-004074244
DX149			"DTE Power via MDI," David Law, 3Com (March 1999)	N099819
DX150			"WLANs and Power over Ethernet," Carlos Rios, 3Com (July 6, 1999)	CARLSON0843
DX151			"DTE Power over MDI: Terminal powering over LAN wiring," Arlan Anderson, Nortel Networks (July 7, 1999)	HP-DCTX-00229272
DX152			"IEEE Power over MDI Study Group Meeting Minutes" (Sept. 30, 1999)	HP-DCTX-000229350
DX153			"DTE Power via MDI," David Law, 3Com (March 1999)	AXIS00025737

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DX154			"DTE Power Problem Set and Solution Methodology," Michael McCormack, 3Com (Nov. 1999)	HP-DCTX-000229436
DX155			"IEEE-SA Standards Board Project Authorization Request (PAR)" (Nov. 11, 1999)	N09956
DX156			"DTE Power via MDI," David Law, 3Com (July 1999)	HP-DCTX-000229259
DX157			U.S. Patent No. 5,994,998	HP-DCTX-004074264
DX158			Broadcom BCM59121 Octal Power Sourcing Equipment Controller	BRCM0813
DX167			February 27, 2002 letter from William Crutcher to Ron Keenan regarding submitting letter of assurance	N391275
DX172			Press Release - Network-1 Commences Patent Litigation Against Cisco Systems and Other Major Data Networking Companies, Network-1, February 11, 2008, http://www.network-1.com/news/PR_021108.htm	HP-DCTX-004058660
DX173			Press Release - Network-1 Announces Special Licensing Program for Early Adopters of Essential IEEE 802.3af Power over Ethernet (POE) Technology, Network-1, June 30, 2008, http://www.network-1.com/news/PR_063008.htm	N149711
DX174			HP LOA for the '865 patent in association with the 802.3ab std.	HP-DCTX-004043816
DX175			HP LOA for the '865 patent in relation to the 802.3an std and the '078 patent and pat. App. 10/099,372	HP-DCTX004043894
DX178			HP Audio-MDIX License Agreement with IC Plus	HP-DCTX-000245498
DX179			HP Audio-MDIX License Agreement with IDT	HP-DCTX-000245515
DX180			HP Audio-MDIX License Agreement with SMSC	HP-DCTX-000245538
DX181			HP Audio-MDIX License Agreement with Davicom	HP-DCTX-000245686
DX182			HP Audio-MDIX License Agreement with TDK	HP-DCTX-000245696
DX183			HP Audio-MDIX License Agreement with Media Tek	HP-DCTX-004043870

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DX184			Press Release - Network-1 Commences Patent Litigation Against D-Link Corporation and D-Link Systems, Incorporated, Network-1, August 11, 2005, http://www.network-1.com/news/PR_081105.htm .	HP-DCTX-004058212
DX185			HP Audio-MDIX License Agreement with Real Tek	HP-DCTX-004043882
DX187			HP Auto-MDIX License Agreement with Broadcom	HP-DCTX-000245675
DX188			HP Auto-MDIX License Agreement with Faraday, Inc.	HP-DCTX-004043860
DX189			HP Auto-MDIX License Agreement with ICS Technologies	HP-DCTX-000245507
DX190			HP Auto-MDIX License Agreement with Marvell International, Ltd.	HP-DCTX-000245524
DX191			HP Auto-MDIX License Agreement with Micrel, Inc.	HP-DCTX-000245572
DX192			HP Auto-MDIX License Agreement with Vitesse	HP-DCTX-004043849
DX193			IEEE-SA Standards Board Bylaws, p. 12 (January 2002)	IEEENetwork100004
DX194			PD64012, 12-Channel PoE Manager	HP-DCTX-000244075
DX195			IEEE-SA Standards Board Bylaws, p 12 (February 2003)	IEEENetwork100006
DX197			IEEE-SA Standards Board Bylaws (will become effective Q1 2015)	HP-DCTX-004057157
DX200*			Network-1 Security Solutions, Inc., 2010 Form 10-K, March 31, 2011 at p. 8	HP-DCTX-004059938
DX201*			Network-1 Security Solutions, Inc., 2011 Form 10-K, March 8, 2012 at p. 8	HP-DCTX-004061206
DX202*			Network-1 Security Solutions, Inc., 2012 Form 10-K, March 22, 2013 at p. 8	HP-DCTX-004061624
DX203*			Network-1 Technologies 2013 Form 10-K, March 21, 2014 at p. 10	HP-DCTX-004060573
DX204*			Network-1 Technologies 2014 Form 10-K, March 5, 2015 at p. 11	HP-DCTX-004059775
DX205*			Network-1 Technologies 2015 Form 10-K, March 30, 2016 at p. 11	HP-DCTX-004059488

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DX206			Amendment to Patent Purchase, Assignment and License Agreement between Merlot and Network-1, January 18, 2005	N073662
DX207			Patent License Agreement between Merlot and Vertical Networks	N073667
DX208			Patent Purchase, Assignment, and License Agreement between Merlot and Network-1	N073648
DX209			Merlot LOA	N28779
DX210			October 13, 2003 Email from George Conant at Merlot to Corey Horowitz	CON00244
DX237			TPS2384 Quad Integrated Power Sourcing Equipment Power Manager	N446087
DX238			TPS2384A Quad Integrated Power Sourcing Equipment Power Manager	TI-0001939
DX239			TPS23841 High-Power, Wide Voltage Range, Quad-Port Ethernet Power Sourcing Equipment Manager	TI-0001980
DX253			The Test of Time	HP-DCTX-004064629
DX267			HP Partners with Levi Stadium	HP-DCTX-004068404
DX274			9/30/2003 email from C. Horowitz to R. Keenan	N416698
DX275			10/2/2003 email from C. Horowitz to G. Conant	N394054
DX276			10/7/2003 email from C. Horowitz to G. Conant	N394192
DX277*			Network-1 Form 10-K 2008	NA
DX281			8/14/2005 Email from Corey Horowitz to Jim Parsons	N396910
DX283			9/17/2003 Email from Corey Horowitz to George Conant	N394040
DX284			5/21/2003 Email from Corey Horowitz to Barry R.	N394042
DX285			12/29/2004 Letter from Corey Horowitz to Extreme Networks	N409468
DX286			1/15/2004 Letter from Jason Mirabito to Linksys, Inc.	N409466

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DX287			12/29/2004 Letter from Corey Horowitz to Foundry Networks, 3/4/2004 Letter from Jason Mirabito to Foundry Networks, 4/5/2005 Foundry Networks Licensing Discussion Presentation	N409439
DX291			March 10, 1999 Presentation, Amir Lehr, PowerDsine Ltd., Power over Ethernet	HP-DCTX-000229234
DX292			March 10, 1999 Minutes for the DTE Power via MDI IEEE 802.3 Call for Interest Meeting	HP-DCTX-000229241
DX293			March 10, 1999 Presentation, Nick Stapleton, 3Com, 802.3 Working Group DTE Power via MDI Call for Interest	HP-DCTX-000229244
DX294			March 1999, IEEE 802.3 & Subgroups - Attendance Sheet, Austin, TX	HP-DCTX-000237035
DX295			April 18, 2000 Presentation, Lucent Technologies, IEEE 802.3 DTE Power via MDI Detection and Signature Protocol	HP-DCTX-000230083
DX296			Cisco 2011- Q1 2015 Report	N385268
DX297			Cisco Q4 2015 Report	N385300
DX299			October 10, 2003 Memo from George Conant to Board re: Background on Patent Portfolio Recommendation	N391309
DX303			Binding Term Sheet between Network-1 and Foundry, Entrasys, and Adtran July 16, 2010	N270666
DX304			Settlement and License Agreement between Network-1 and Alcatel-Lucent defendants July 8, 2016	N357540
DX305			Settlement and License Agreement Between Network-1 and Axis defendants August 15, 2017	N450861
DX306			Network-1's Supplemental Responses to Defendants' First Set of Common Interrogatories (Nos. 3 and 4) November 16, 2016	NA
DX307A			Letter from Jason Mirabito to Ericsson January 27, 2004	N090219

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DX307B			Letter from Jason Mirabito to Delta Products March 4, 2004	N090231
DX307C			Letter from Jason Mirabito to Siemens Enterprise January 22, 2004	N090382
DX307D			Letter from Jason Mirabito to NEC January 23, 2004	N090439
DX307E			Letter from Jason Mirabito to Uniden America January 22, 2004	N090469
DX307F			Letter from John Garland to Mitel Networks December 29, 2004	N088454
DX307G			Email from Corey Horowitz to Enterays re: Power Up Licensing Program August 16, 2005	N0629
DX307H			Email from Corey Horowitz to Edward Wes re: Power Up Licensing Program August 12, 2005	N0635
DX307I			Email from Corey Horowitz to Jennifer Oche re: Power Up Licensing Program August 12, 2005	N0639
DX307J			Email from Corey Horowitz to Keith Lutsch re: Power Up Licensing Program August 12, 2005	N0641
DX307K			August 15, 2005 Press Release - Network-1 Announces Power Up Licensing Program	N100803
DX307L			Letter from Corey Horowitz to Apple re: Special Licensing Program August 7, 2008	N111023
DX307M			Letter from Corey Horowitz to Nokia re: Special Licensing Program August 7, 2008	N111223
DX307N			Letter from Corey Horowitz to Motorola re: Special Licensing Program August 7, 2008	N111243
DX308			Settlement and License Agreement between Network-1 and D-Link May 25, 2007	N23772
DX309			Patent License Agreement between Network-1 and Microsemi August 13, 2008	N110921

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DX310			Patent License Agreement between Network-1 and BRG Precision Products December 31, 2008	N111563
DX311			Patent License Agreement between Network-1 and Buffalo, Inc. December 31, 2008	N111541
DX312			Patent License Agreement between Network-1 and SEH Technology December 31, 2008	N110936
DX313			Settlement and License Agreement between Network-1 and Netgear May 22, 2009	N270708
DX314			Settlement and License Agreement between Network-1 and Cisco May 25, 2011	N270682
DX315			Settlement and License Agreement between Network-1 and Transition Networks March 29, 2012	N270755
DX316			Settlement and License Agreement between Network-1 and Motorola March 30, 2012	N270739
DX317			Settlement and License Agreement between Network-1 and GarrettCom October 15, 2012	N270775
DX318			Patent License Agreement between Network-1 and Allied Telesis February 7, 2013	N276553
DX319			Settlement and License Agreement between Network-1 and NEC February 14, 2013	N276587
DX320			Settlement and License Agreement between Network-1 and Samsung March 4, 2015	N347796
DX321			Settlement and License Agreement between Network-1 and Huawei July 6, 2015	N351228
DX322			Settlement and License Agreement between Network-1 and ShoreTel July 22, 2015	N357203
DX323			Settlement and License Agreement between Network-1 and Sony June 23, 2016	N357516

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DX324			Settlement and License Agreement between Network-1 and Dell August 15, 2016	N389705
DX325			Settlement and License Agreement between Network-1 and Polycom September 29, 2016	N450163
DX326			Settlement and License Agreement between Network-1 and Avaya September 21, 2017	N450885
DX327			StoneTurn Supplemental Exhibit 3	NA
DX328			StoneTurn Supplemental Exhibit 5	NA
DX329			StoneTurn Supplemental Exhibit 6	NA
DX340			StoneTurn Supplemental Exhibit 7	NA
DX342			Network-1's Objections and Responses to Defendants' First Set of Common Interrogatory No. 2 (Redacted) July 13, 2016	NA

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